



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 05th May 2026

Time of Issue: 1315 hours IST

Subject: (i) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) likely over northwest India on today, the 05th May and a fresh spell thereafter on 10th & 11th May, 2026.

(ii) Fairly widespread to widespread rainfall along with thunderstorm, lightning and gusty winds (40-60 kmph) with heavy rainfall likely over Sub Himalayan West Bengal & Sikkim and northeast India on 05th & 06th May, 2026.

(iii) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) and isolated heavy rainfall likely over Kerala, Tamil Nadu, Puducherry & Karaikal for next 6-7 days.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 05th May, 2026:

- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Assam, Gangetic West Bengal, Sub-Himalayan West Bengal & Sikkim, Odisha, Jharkhand, East Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Rayalaseema, South Interior Karnataka, East Rajasthan.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-90 kmph** prevailed at isolated places over Jharkhand, Bihar, Punjab, Uttarakhand, Uttar Pradesh, Gujarat Region, Rajasthan, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, Madhya Pradesh, Odisha **with speed reaching 30-50 kmph** prevailed at isolated places over Arunachal Pradesh, Assam & Meghalaya, Jammu-Kashmir, Haryana, Chandigarh, Vidarbha, Chhattisgarh, Maharashtra and Saurashtra & Kutch.
- ❖ **Hailstorm** reported over Madhya Pradesh, Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Bihar, Rajasthan.

Temperature Conditions during past 24 hours till 0830 hours IST of today:

- ❖ **Maximum/day temperatures** were in the range of 40°C and above over most parts of the Vidarbha, some parts of Telangana, isolated pockets of Chhattisgarh, Marathwada; they are in the range of 36 -40°C remaining parts of the country except over some parts of Uttar Pradesh, Bihar, Gangetic West Bengal, Sub-Himalayan West Bengal & Sikkim, Punjab, Haryana, entire north East India and Western Himalayan region, where they are below 36°C. **The highest maximum temperature of 44.2°C was reported at Brahmagiri (Vidarbha).**
- ❖ **Maximum/day temperatures** were markedly below normal(< -5.1°C) at many places over Haryana-Chandigarh-Delhi, at a few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan- Muzaffarabad, Himachal Pradesh, Punjab, Uttar Pradesh, at isolated places over Uttarakhand, Madhya Pradesh, Mizoram; appreciably above normal(-5.0°C to -3.1°C) at a few places over East Rajasthan; at isolated places Bihar, Jharkhand, Odisha, Coastal Andhra Pradesh, Nagaland, Manipur, Tripura and Andaman & Nicobar; below normal(-3.0°C to -1.60°C) at a few places over Gujarat state, at isolated places over Chhattisgarh, Gangetic West Bengal, Meghalaya and Tamil Nadu. They are above normal (1.6°C to 3.0°C) at isolated places over Konkan & Goa, Kerala & Mahe and Assam.
- ❖ **Minimum/night temperatures** were in the range of 13-19°C over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, West Rajasthan, Uttar Pradesh, Punjab, Haryana Chandigarh & Delhi, Sikkim, Madhya Pradesh, Chhattisgarh, coastal Maharashtra, Assam & Meghalaya, Manipur, Tamil Nadu, Puducherry & Karaikal. They were in the range of 20-26°C over remaining parts of the plains of the country.
- ❖ **Minimum/night Temperature** were appreciably above normal (3.1°C to 5.0°C) over Gujarat State; above normal (1.6 to 3.0°C) over Arunachal Pradesh, Nagaland, Vidarbha, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and below normal or near normal over rest parts of the country.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ The **Western Disturbance** as a cyclonic circulation over Kashmir & neighbourhood in lower tropospheric level with a trough aloft in middle and upper tropospheric westerlies with its axis roughly along Long. 72°E to the north of Lat. 28°N persists.
- ❖ An **upper air cyclonic circulation** lies over Haryana & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over southwest Rajasthan in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over East Uttar Pradesh in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over central parts of south Madhya Pradesh in lower tropospheric level.
- ❖ A **trough** runs from the cyclonic circulation over central parts of south Madhya Pradesh to Bihar in lower tropospheric level.
- ❖ The **north-south** trough now runs from cyclonic circulation over central parts of south Madhya Pradesh to Gulf of Mannar in lower tropospheric level.
- ❖ A **north-south** trough runs roughly along Long. 89°E to the north of Lat. 21°N in lower tropospheric level.
- ❖ A **fresh Western Disturbance** is likely to affect northwest India from 10th May, 2026.

Under the influence of above systems, the following weather is likely:

Northwest India:

- ❖ **Isolated to scattered** light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Haryana Chandigarh & Delhi, Punjab, West Uttar Pradesh on 05th & 06th May; and Uttarakhand during 05th-08th; East Uttar Pradesh on 06th & 07th; West Rajasthan on 05th and East Rajasthan during 05th -09th May.
- ❖ Another fresh wet spell with **Isolated to scattered** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 Kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 10th & 11th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Uttar Pradesh on 05th May.
- ❖ Isolated **Hailstorm activity** likely over Himachal Pradesh, Uttarakhand, Uttar Pradesh on 05th May.

Northeast India:

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-40 kmph)** likely over Assam & Meghalaya on 05th & 06th; Nagaland, Manipur, Mizoram & Tripura during 05th -07th with lightning over Assam & Meghalaya on 07th & 08th May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 06th, Assam & Meghalaya on 05th & 06th May.

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 05th -09th; Gangetic West Bengal during 07th -10th May.
- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Andaman & Nicobar Islands on 05th & 06th; Bihar and Andaman & Nicobar on 05th & during 07th - 11th; Jharkhand and Odisha during 06th -11th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal on 05th & 06th; Bihar on 06th; Jharkhand and Odisha on 05th May.
- ❖ **Isolated heavy rainfall** likely over Jharkhand and Odisha on 05th; Sub-Himalayan West Bengal & Sikkim on 05th & 06th; Bihar on 06th May.
- ❖ Isolated **Hailstorm activity** likely over Jharkhand and Odisha on 05th May.

Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh during 06th -09th; Vidarbha on 05th and Chhattisgarh during 05th -09th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh and Madhya Pradesh on 05th May.
- ❖ Isolated **Hailstorm activity** likely over Madhya Pradesh on 05th May.

South Peninsular India:

- ❖ **Isolated to scattered thunderstorms, lightning & gusty winds (30-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana, South Interior Karnataka and

Kerala & Mahe during 05th -09th on 04th; North Interior Karnataka on 07th & 08th with lightning over Coastal Karnataka during 05th -09th and North Interior Karnataka on 05th & 06th May.

- ❖ **Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal during next 6 days; Kerala & Mahe during next 7 days and South Interior Karnataka during 07th 09th May.

Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures by 4-6°C likely over Northwest India till 09th May and no significant change thereafter.
- ❖ No significant change in maximum temperatures likely over Central India till 06th and thereafter gradual rise by 3-5°C during 07th -11th May.
- ❖ No significant change in maximum temperatures likely over Northeast India till 06th and thereafter gradual rise by 3-5°C during 07th -11th May.
- ❖ No significant change in maximum temperatures likely over Maharashtra till 05th May and thereafter gradual rise by 2-4°C during 06th-11th May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country till 11th May 2026.

Heat Wave, Hot & Humid weather conditions warning:

- ❖ **Heat wave conditions** likely to prevail in isolated pockets over West Rajasthan during 09th -11th, 2026.
- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Coastal Andhra Pradesh & Yanam and Rayalaseema on 05th & 06th; Konkan & Goa during 06th 09th; Gujarat Region during 09th -11th May, 2026.

Fishermen warning:

Fishermen are advised not to venture into the following areas during 05th May to 10th May, 2026:

- ❖ **Bay of Bengal:** Along and off Odisha, West Bengal Coasts and adjoining Bangladesh Coast & over some parts of northwest Bay of Bengal on 05th May.
- ❖ **Arabian Sea:** No warning.

Weather conditions and forecast over Delhi/NCR during 05th -08th May, 2026 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Tamil Nadu, Puducherry & Karaikal:** Ponmalai (dist Trichy) 10; Trp AP (dist Trichy) 9; Panruti (dist Cuddalore), Dscl Kalayanallur (dist Kallakurichi), Tiruchirappalli Junctio (dist Trichy) 8 Each; Veppanthattai (dist Perambalur), Trp Town (dist Trichy) 7 Each;
- ❖ **Sub Himalayan West Bengal & Sikkim:** Ghatia T.e. (dist Jalpaiguri), Jhallong (dist Kalimpong) 10 Each; Chengmari/Diana (dist Jalpaiguri), Moraghat Tea Estate (dist Jalpaiguri) 9 Each; Gandrapara Tea Garden (dist Jalpaiguri) 8; Rongo (dist Kalimpong), Diana Tea Estate (dist Jalpaiguri), Kurti T.e. (dist Jalpaiguri), Mogulkata Tea Estate (dist Jalpaiguri) 7 Each;
- ❖ **Jharkhand:** Tenughat (dist Bokaro), Latehar Balumat Kvk AWS (dist Latehar) 8 Each;
- ❖ **Rayalaseema:** Sullurpeta (dist Tirupati) 7;
- ❖ **Kerala & Mahe:** Mancompu (dist Alapuzha), Angadipuram (dist Malappuram) 7 Each;
- ❖ **East Rajasthan:** Shahpura SR (dist Jaipur) 7;
- ❖ **East Uttar Pradesh:** Fatehpur Tehsil (dist Barabanki), Bansi Tehsil (dist Siddharth Nagar) 7 Each;
- ❖ **Odisha:** Banarpal (dist Angul) 7;
- ❖ **Gangetic West Bengal:** Burnpur (dist Paschim Bardhaman) 7.

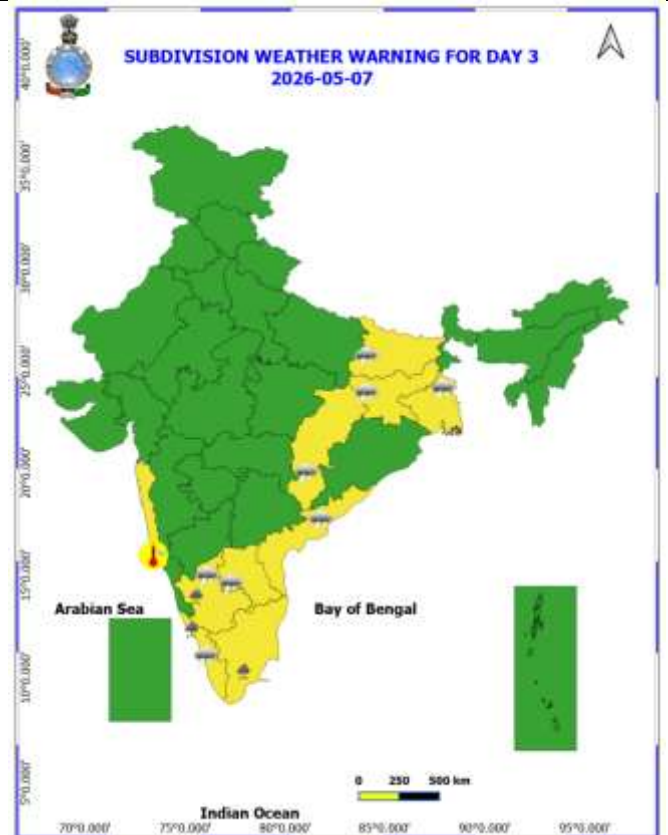
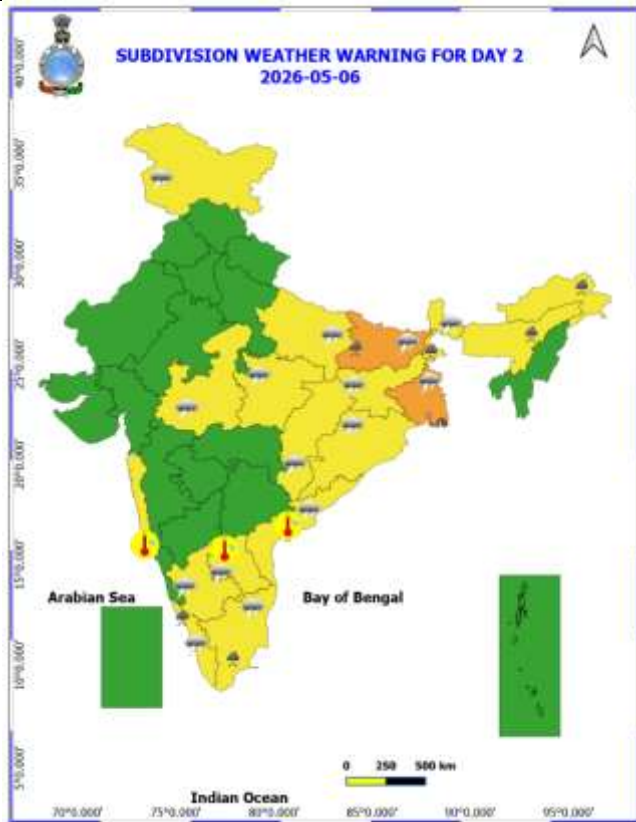
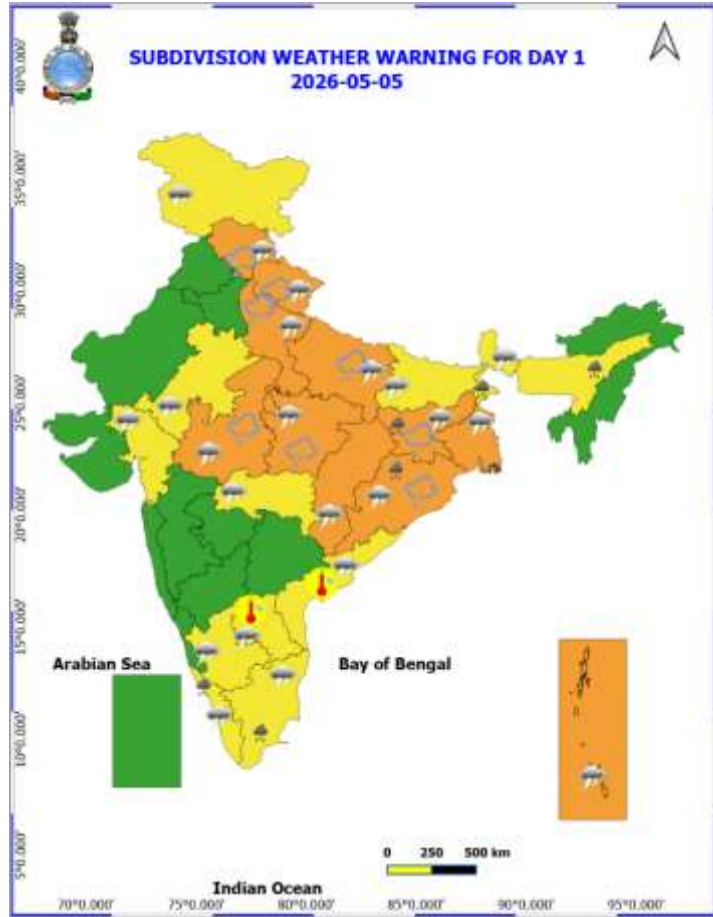
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

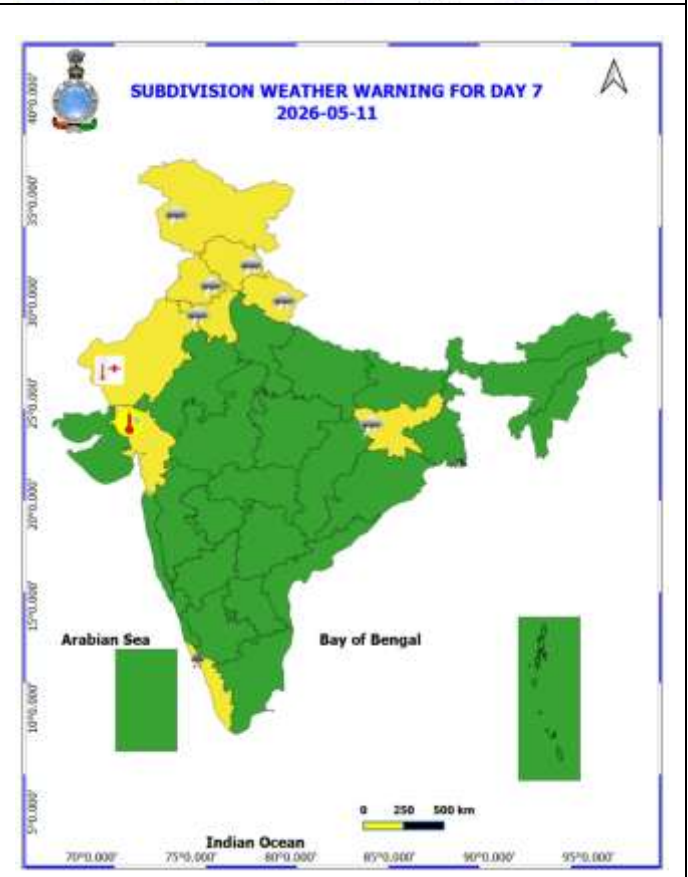
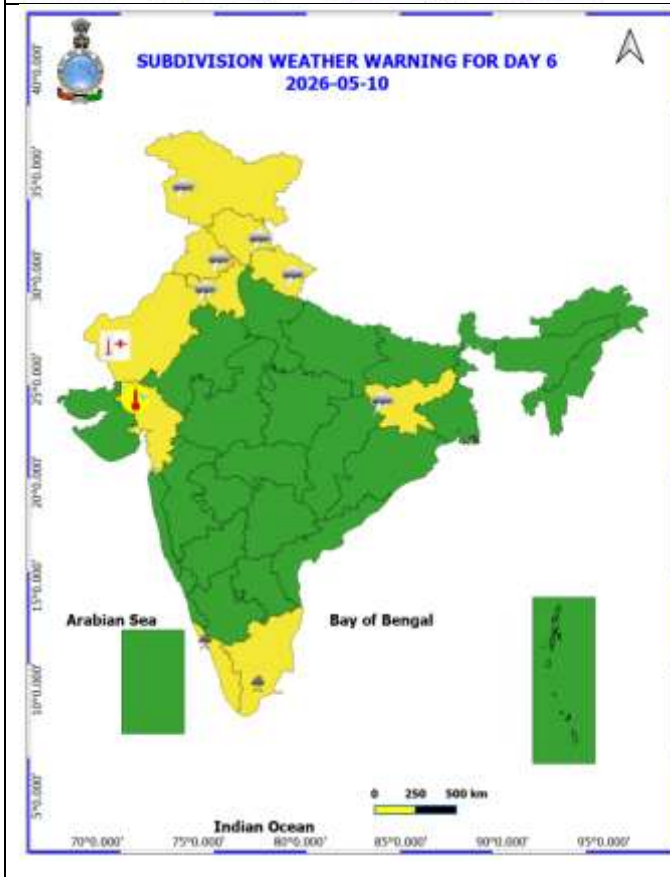
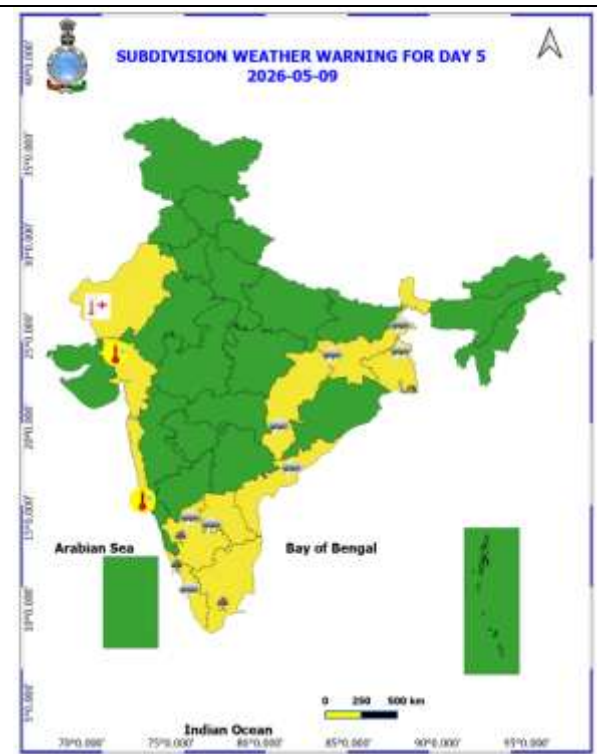
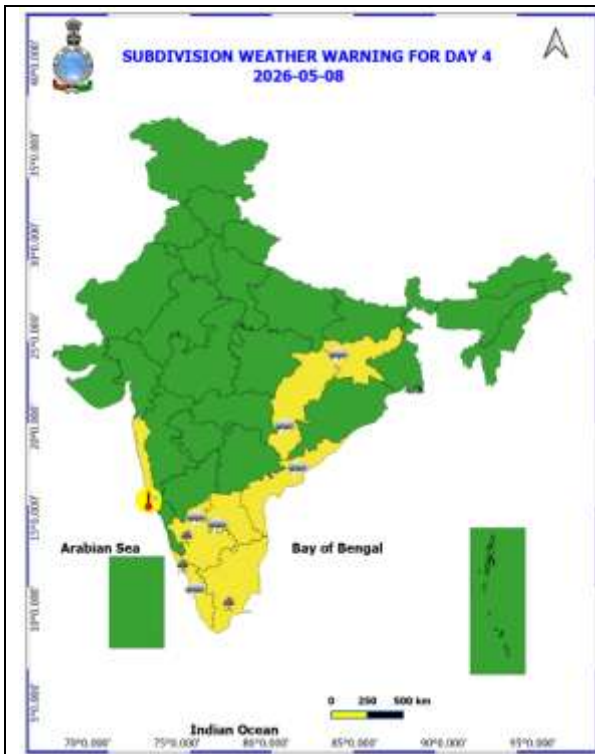
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Nalkata 105, Kanchanpur 43, Ghilatali 63, Ambasa 50
- ❖ **Bihar:** Patna 85
- ❖ **Punjab:** Bathinda 72, Firozpur & Mohali 52, Sangrur 50, Amritsar & Saleran 41
- ❖ **Jharkhand:** Barhi 72

- ❖ **Madhya Pradesh:** Sehore 67, Shivpuri 63, Agar 63, Neemuch 61, Guna 56 Ashoknagar 48, Mandsaur 46, Gwalior 46, Bhopal 46 Vidisha 41 Betul 39, Indore 39sagar 57, Rewa 46, Jabalpur 41, Satna 41, Shahdol 44, Sidhi 37
- ❖ **Uttar Pradesh:** Lucknow Integral University 67, Bahraich (Aws) 57, Lucknow Amausi 56, Mirzapur 56, Ayodhya(Aws) 52, Ballia 50, Jalaun 48, Gorakhpur (IAF) 46, Sitapur 44, Kushinagar (Aws) 44, Raebareilly 41, Fatehpur 39, Jaunpur(Aws) 39, Kanpur IAF 37, Lucknow AP 37, Shahjahanpur (Aws) 56, Hamirpur 52, Etawah 52, G. B. Nagar 50, Amroha 46, Bareilly (IAF) 46, Bulandshahar(Aws) 43 Bareilly 39, Agra (IAF)-37, Hindon(IAF)-35
- ❖ **Rajasthan:** Udaipur 64, Barmer 55, Jodhpur 55, Kota 33
- ❖ **Gujarat:** Arnej (Ahmedabad) 56, Kandla 46
- ❖ **Uttarakhand:** Ranichauri 50, Pantnagar 48, Mukteshwar 46,
- ❖ **Haryana Chandigarh & Delhi:** Karnal 44, Sadalpur & Panchkula 43, Jind 39, Palam 37
- ❖ **Maharashtra:** Karjat (Raigad) 35, Palghar 30, Baramati (Pune) 46, Vilholi (Nashik) 44, Kalwan (Nashik) 44, Ambejogai (Beed) 37, Hingoli 35
- ❖ **West Bengal & Sikkim:** Uluberia 48, Purulia, Shyampur, Alipore 44, Dum Dum 42, Kharagpur 41, Malda 55
- ❖ **Odisha:** Cuttack 54
- ❖ **Assam & Meghalaya:** Down_Town_University 39
- ❖ **Arunachal Pradesh:** Dirang 31
- ❖ **Jammu-Kashmir:** Poonch 35, Shopian 37, Ramban30, Chatha_Amfu 48, Samba 30
- ❖ **Chhattisgarh:** Koriya 48, Korba 39, Dhamtari 35, Surajpur 35, Balod 33
- ❖ **Vidarbha:** Buldhana, Wardha 31
- ❖ **Maharashtra:** Karjat (Raigad) 35, Palghar 30, Baramati (Pune) 46, Vilholi (Nashik) 44, Kalwan (Nashik) 44 Kmphambejogai (Beed) 37, Hingoli 35

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	5- May	6- May	7- May	8- May	9- May	10- May	11- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	ISOL	SCT	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	FWS	FWS	SCT	SCT	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	FWS	SCT	SCT	SCT
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	WBS	WBS	FWS	SCT	FWS	SCT	SCT
6	GANGETIC WEST BENGAL	WBS	FWS	SCT	SCT	FWS	SCT	SCT
7	ODISHA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	FWS	SCT	SCT	SCT	SCT	ISOL	ISOL
9	BIHAR	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	FWS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	DRY	DRY	ISOL	ISOL
12	UTTARAKHAND	SCT	SCT	SCT	SCT	ISOL	ISOL	SCT
13	HARYANA, CHANDIGARH & DELHI	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
14	PUNJAB	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	SCT	ISOL	ISOL	DRY	DRY	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	SCT	ISOL	ISOL	DRY	DRY	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
20	EAST MADHYA PRADESH	SCT	ISOL	ISOL	ISOL	ISOL	DRY	DRY
21	GUJRAT REGION	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
25	MARATHWADA	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY
26	VIDARBHA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	SCT	ISOL	ISOL	ISOL	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	SCT	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL
35	KERALA AND MAHE	FWS	FWS	FWS	FWS	WBS	WBS	WBS
36	LAKSHADWEEP	SCT	SCT	SCT	SCT	FWS	FWS	FWS

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed district-wise Multi-Hazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 05th May to 08th May 2026

Past Weather:

There has been fall in maximum temperatures up to 4-5°C and rise in minimum temperatures up to 1-3°C during past 24 hours over Delhi. The maximum temperatures were in the range of 30-32°C and the minimum temperatures are in the range 18-22°C respectively during past 24 hours over Delhi. The minimum temperatures are markedly below normal (-5.1°C or less) at isolated places, appreciably below normal (-3.1°C to -5.0°C) at many places and normal (-1.5°C to 1.5°C) at isolated places over Delhi. The maximum temperatures were markedly below normal (-5.1°C or less) at most places over Delhi. Generally cloudy sky with surface wind speeds up to 22 kmph gusting to 39 kmph from southeast direction over Delhi during past 24 hours. During the past 24 hours, very light to light rain was observed at many places over Delhi. Partly cloudy sky with surface wind speeds up to 15 kmph likely to prevailed from southeast direction over the region in the forenoon today.

Weather Forecast:

05.05.2026: Partly cloudy sky to generally cloudy sky towards afternoon. A spell of very light to light rain accompanied with thunderstorm/lightning and occasional strong surface winds speed reaching 40-50 kmph gusting to 60 kmph towards afternoon/evening. The maximum temperatures over Delhi are likely to be in the range of 32°C to 34°C. The maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will decrease up to 15 kmph from the southeast direction during evening and night.

06.05.2026: Partly cloudy sky. Possibility of thundery development towards evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 20°C to 22°C respectively. The minimum temperature will be appreciably below normal (-3.1°C to -5.0°C) at many places, and maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from northeast direction with surface wind speed reaching up to 10 kmph during the morning hours. The wind speed will become less than 15 kmph from northwest direction during the afternoon. The wind speed will increase becoming up to 20 kmph from the northwest direction during evening and night.

07.05.2026: Partly cloudy sky. Sustained surface winds speed 20-30 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 35°C to 37°C and 22°C to 24°C respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperature will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will be increase becoming up to 20 kmph from southeast direction during the afternoon. The wind speed will decrease becoming up to 15 kmph from the northeast direction during evening and night.

08.05.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°C and 22°C to 24°C respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperature will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will be decrease becoming up to 15 kmph from southeast direction during the afternoon. The surface wind speed will decrease becoming less than 12 kmph from the southeast direction during evening and night.

Impact expected and action suggested due to thunderstorm with lightning/gusty winds:

- **Warning:** Thunderstorms with lightning and gusty winds (40–50 kmph, gusting up to 60 kmph) along with dust-raising surface winds are likely.
- **Impacts:** Breaking of tree branches, uprooting of trees, damage to crops, disruption to power and communication lines, partial damage to weak structures, and loose objects being blown away.

- **Advisory:** Stay indoors and keep windows and doors closed. Avoid travel if possible. Do not take shelter under trees. Stay away from concrete walls/floors, water bodies, and electrical conductors. Unplug electronic devices and remain alert for worsening weather conditions.

Impact expected and action suggested due to isolated thunderstorm with lightning/squally winds & Hailstorm over

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Uttar Pradesh, Jharkhand, Odisha, Chhattisgarh, Madhya Pradesh on 05th; Gangetic West Bengal on 05th & 06th; Bihar on 06th May.
- ❖ Isolated **Hailstorm activity** likely over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Jharkhand, Odisha and Madhya Pradesh on 05th May.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Impact Expected & Action Suggested due to heavy/very heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh, Bihar on 06th, Assam & Meghalaya on 05th & 06th; Jharkhand and Odisha on 05th; Sub-Himalayan West Bengal & Sikkim on 05th & 06th; Tamil Nadu, Puducherry & Karaikal during next 6 days; Kerala & Mahe during next 7 days and South Interior Karnataka during 07th 09th May.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.

- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Agromet advisories for likely impact of Hailstorms

- In **Jharkhand, Odisha, Uttarakhand, Himachal Pradesh Uttar Pradesh, Madhya Pradesh and Andhra Pradesh**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, postpone the sowing of WRC paddy nurseries. Ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards. Keep the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places.
- In **Assam**, maintain proper drainage to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse during clear weather conditions. Provide mechanical support for tall crops (like banana or sugarcane) and young saplings by using bamboo sticks or poles.
- In **Meghalaya**- Provide proper drainage in maize, ginger, vegetables and orchards. Provide staking/bamboo support to prevent lodging.
- In **West Bengal and Sikkim**, ensure proper field drainage to prevent waterlogging, particularly in ginger, tomato, and *Dalle Khorsani* fields. Protect the nurseries of cucurbits and *Dalle Khorsani* by covering them with polyethene sheets or agro-net to safeguard young seedlings. Additionally, apply locally available mulching materials in ginger fields to minimize the direct impact of rainfall.
- In **Bihar**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing-crop fields to prevent waterlogging.
- In **Odisha**, ensure proper drainage in paddy nurseries, pulses, and vegetable fields, and safeguard harvested produce from waterlogging damage.
- In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in blackgram, green gram, sugarcane plantations, and vegetables.
- In **Coastal Andhra Pradesh**, maintain drainage in paddy, maize, and horticultural crops (mango, banana) and avoid water stagnation in fields.
- In **South Interior Karnataka**, provide adequate drainage in ragi, maize, pulses, and vegetable crops to prevent waterlogging.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- **Rajasthan** - Provide light irrigation to maintain adequate moisture in standing crops such as Zaid moong, American cotton & *Desi* cotton, okra, watermelon, muskmelon, *tinda*, cucumber & long melon.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry / Fisheries

- Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.

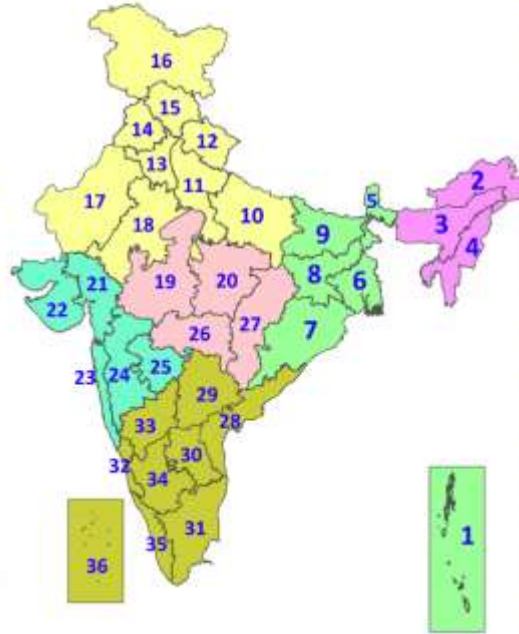
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

Legends & abbreviations:

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)

- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

COLOUR CODED WARNING

No Warning (No Action)
Watch (Be Aware)
Alert (Be Prepared To Take Action)
Warning (Take Action)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

DEFINITION/CRITERIA

Rain/ Snow *	<p>Heavy: 64.5 to 115.5 mm/cm *</p> <p>Very Heavy: 115.6 to 204.4 mm/cm*</p> <p>Extremely Heavy: > 204.4 mm/cm *</p>
Heat Wave	<p>When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions</p> <p>(a) Based on Departure from normal</p> <p>Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C.</p> <p>Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$</p> <p>(b). Based on Actual maximum temperature</p> <p>Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.</p> <p>Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$</p> <p>(c). Criteria for heat wave for coastal stations</p> <p>When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$</p>
Warm Night	<p>When maximum temperature remains 40°C</p> <p>Warm Night: When minimum temperature departure 4.5°C to 6.4°C.</p> <p>Severe Warm Night: When minimum temperature departure $>6.4^{\circ}\text{C}$.</p>
Cold Wave	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.</p> <p>(a). Based on departure</p> <p>Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> <p>(b) Based on actual Minimum Temperature (for Plains only)</p> <p>Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$</p> <p>Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$</p> <p>(c) For Coastal Stations</p> <p>When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$</p>
Cold Day	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions</p> <p>Based on departure</p> <p>Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p>
Fog	<p>Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$</p> <p>Moderate Fog: When the visibility between 500-200 metres</p> <p>Dense Fog: when the visibility between 50- 200 metres</p> <p>Very Dense Fog: when the visibility < 50 metres</p>
Thunderstorm	<p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p>
Dust/Sand Storm	<p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p>
Frost	<p>Ice deposits on ground</p> <p>Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)</p>
Squall	<p>A strong wind that rises suddenly, lasts for atleast 1 minute.</p> <p>Moderate: Wind speed 52-61 kmph</p> <p>Severe: Wind speed 62-67 kmph</p> <p>Very Severe: Wind speed >67 kmph</p>
Sea State	<p>Effect of various waves in the sea over specific area</p> <p>Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre</p> <p>High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre</p> <p>Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre</p>
Cyclone	<p>Cyclonic Storm: Wind speed 62-67 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)</p> <p>Super Cyclone Storm: Wind speed >220 kmph (>119 knots)</p>

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